

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
 Data File : BP007936.D
 Acq On : 11 Nov 2021 00:29
 Operator : CG/JU
 Sample : M4577-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2

Quant Time: Nov 11 10:20:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 10:45:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	119341	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	401637	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	254326	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	589793	20.000	ng	#-0.01
76) Chrysene-d12	21.339	240	763264	20.000	ng	#-0.01
86) Perylene-d12	23.745	264	862749	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	804657	114.348	ng	0.00
7) Phenol-d6	7.028	99	954722	93.737	ng	-0.01
23) Nitrobenzene-d5	9.010	82	563439	75.358	ng	-0.02
42) 2,4,6-Tribromophenol	15.980	330	451312	124.342	ng	-0.02
45) 2-Fluorobiphenyl	13.116	172	1186094	67.916	ng	-0.01
79) Terphenyl-d14	19.810	244	2182081	58.215	ng	-0.01

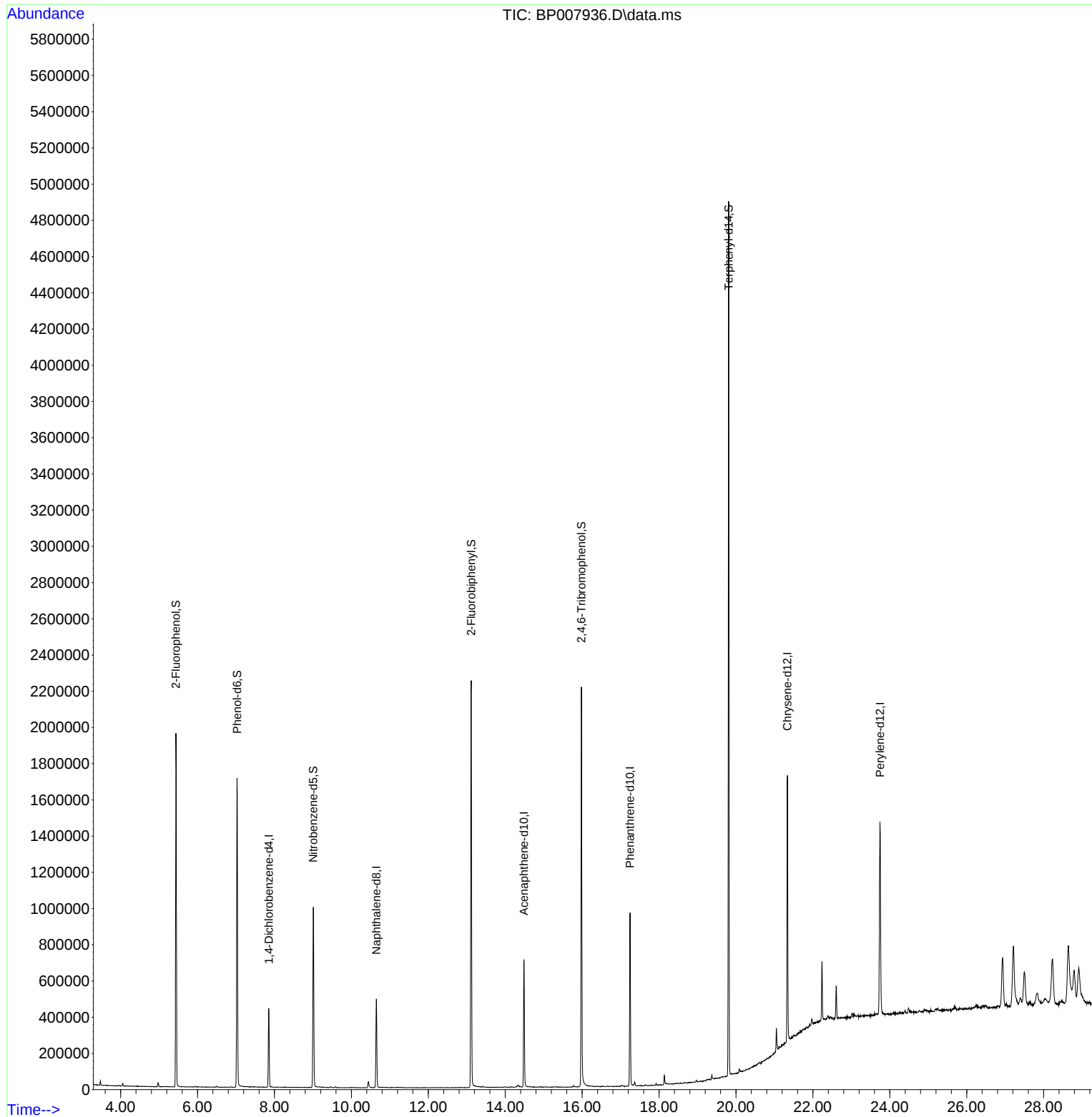
Target Compounds	Qvalue

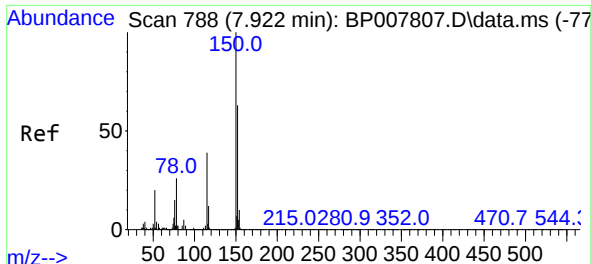
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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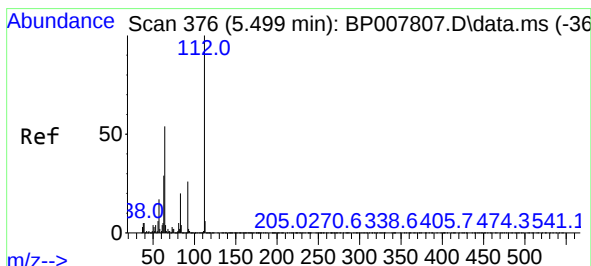
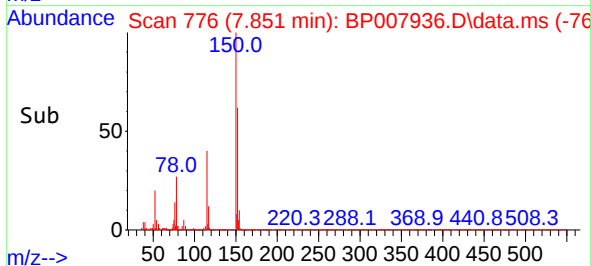
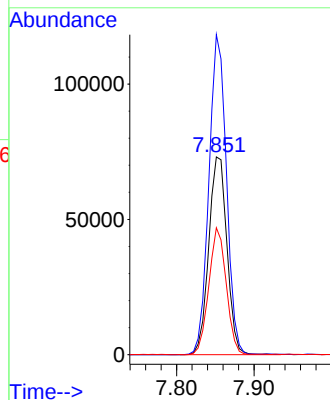
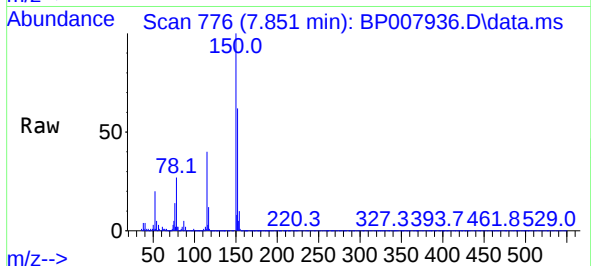




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 71
Delta R.T. -0.013 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

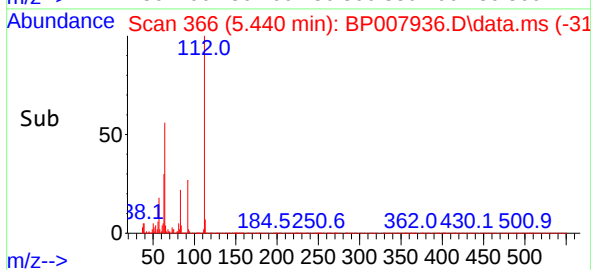
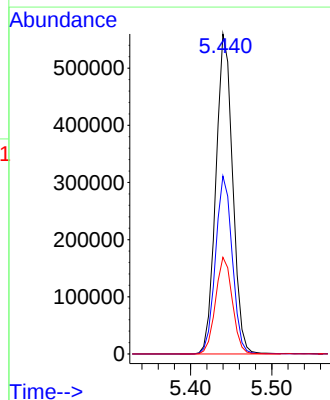
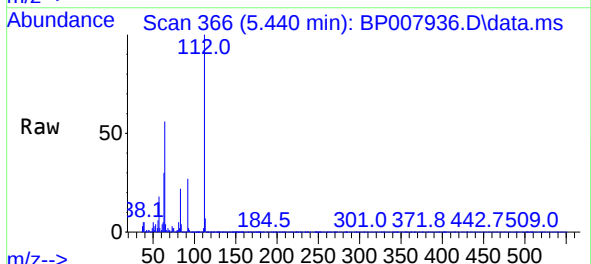
Instrument :
BNA_P
ClientSampleId :
SB-2

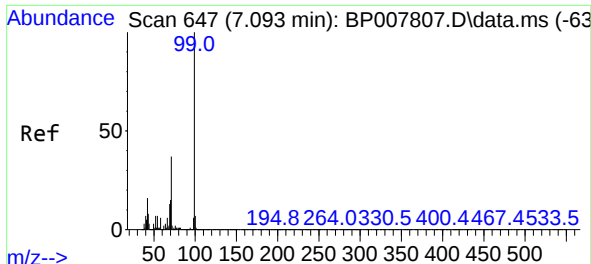
Tgt Ion:152 Resp: 119341
Ion Ratio Lower Upper
152 100
150 161.8 124.1 186.1
115 64.1 48.1 72.1



#5
2-Fluorophenol
Concen: 114.348 ng
RT: 5.440 min Scan# 366
Delta R.T. -0.006 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

Tgt Ion:112 Resp: 804657
Ion Ratio Lower Upper
112 100
64 55.6 46.6 70.0
63 30.2 25.0 37.6

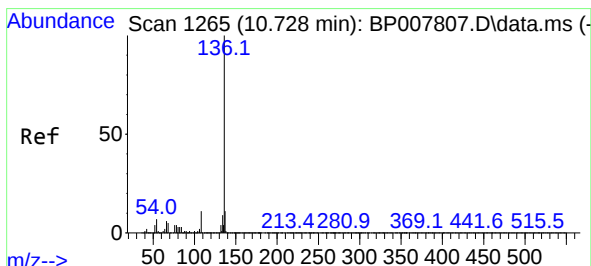
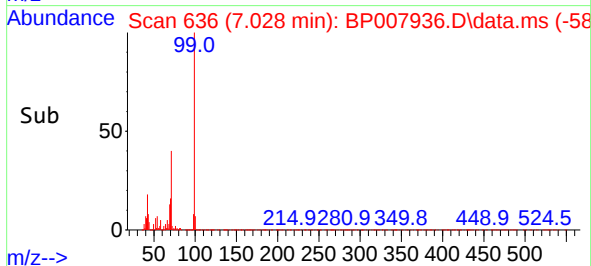
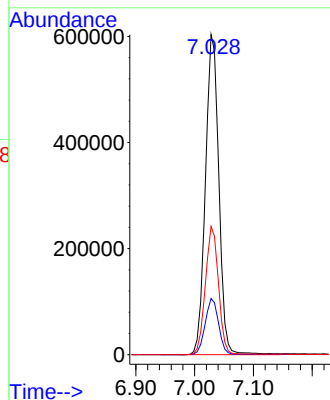
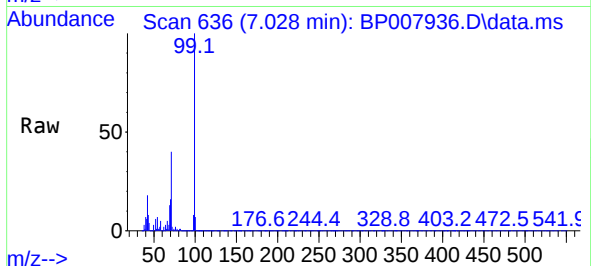




#7
Phenol-d6
Concen: 93.737 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

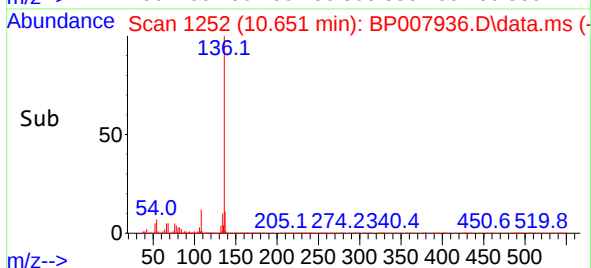
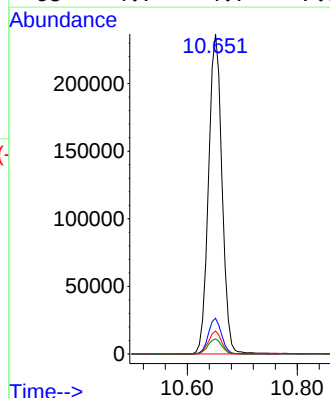
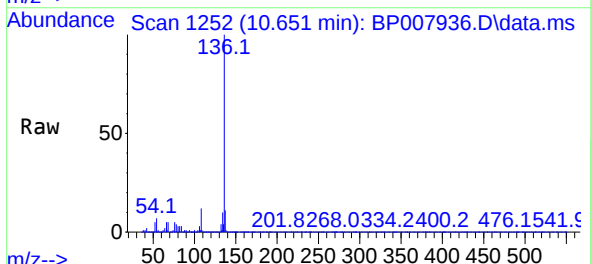
Instrument :
BNA_P
ClientSampleId :
SB-2

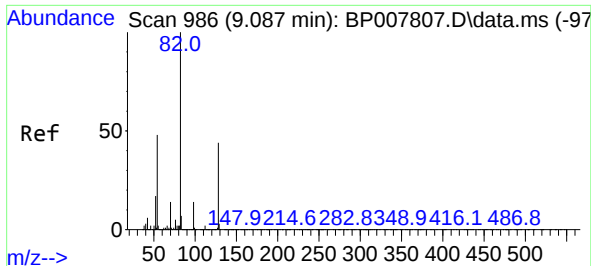
Tgt Ion: 99 Resp: 954722
Ion Ratio Lower Upper
99 100
42 17.5 14.9 22.3
71 40.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1252
Delta R.T. -0.012 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

Tgt Ion:136 Resp: 401637
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.1 6.2 9.4
68 4.7 4.7 7.1#

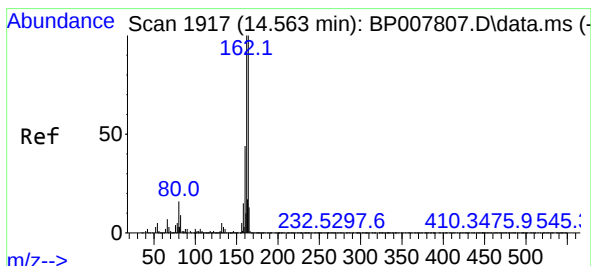
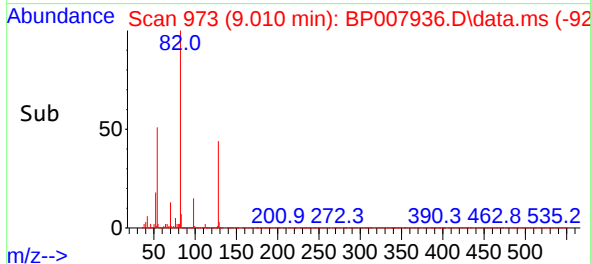
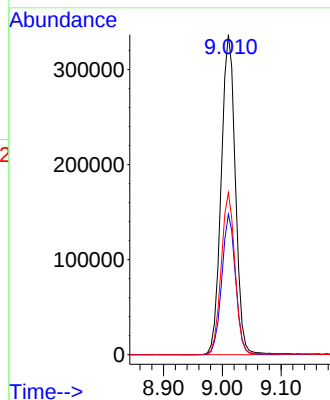
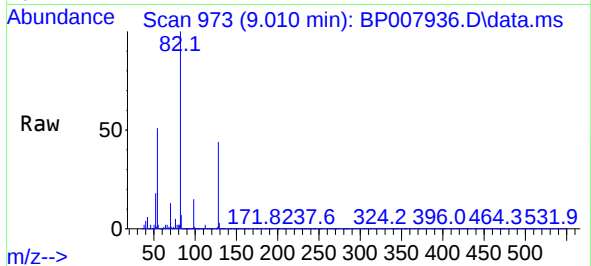




#23
Nitrobenzene-d5
Concen: 75.358 ng
RT: 9.010 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

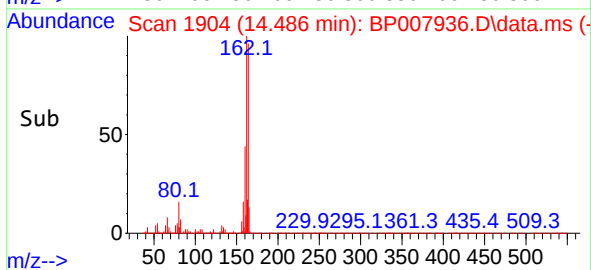
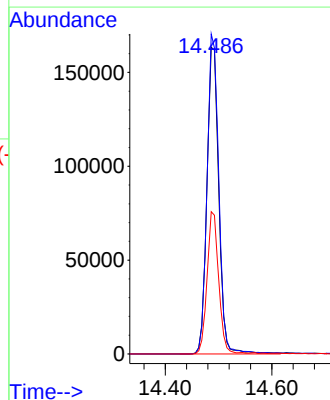
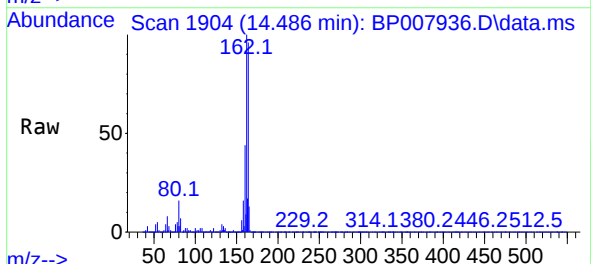
Instrument :
BNA_P
ClientSampleId :
SB-2

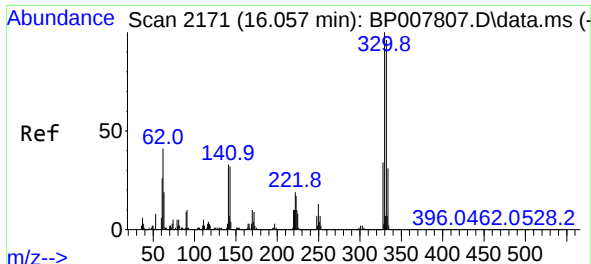
Tgt Ion: 82 Resp: 563439
Ion Ratio Lower Upper
82 100
128 43.9 32.6 48.8
54 50.6 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

Tgt Ion: 164 Resp: 254326
Ion Ratio Lower Upper
164 100
162 104.3 81.1 121.7
160 46.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 124.342 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP007936.D

Acq: 11 Nov 2021 00:29

Instrument :

BNA_P

ClientSampleId :

SB-2

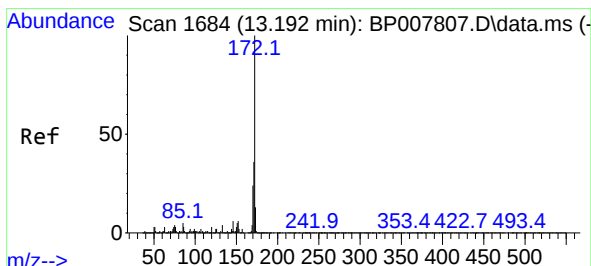
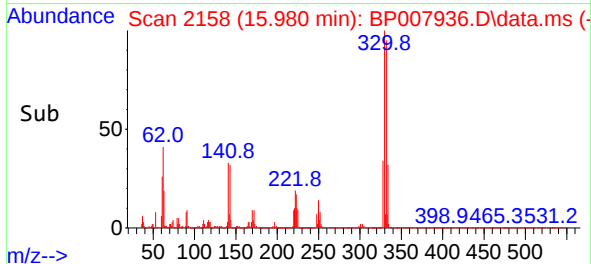
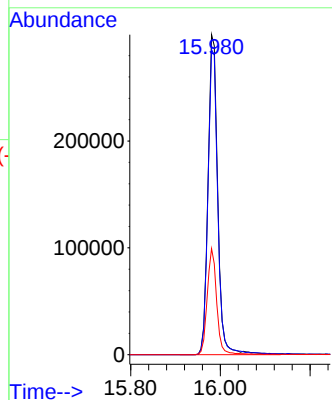
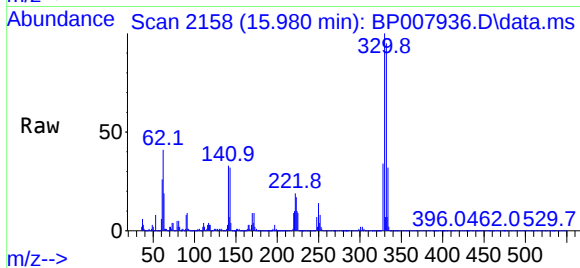
Tgt Ion:330 Resp: 451312

Ion Ratio Lower Upper

330 100

332 96.5 78.9 118.3

141 32.4 30.7 46.1



#45

2-Fluorobiphenyl

Concen: 67.916 ng

RT: 13.116 min Scan# 1671

Delta R.T. -0.012 min

Lab File: BP007936.D

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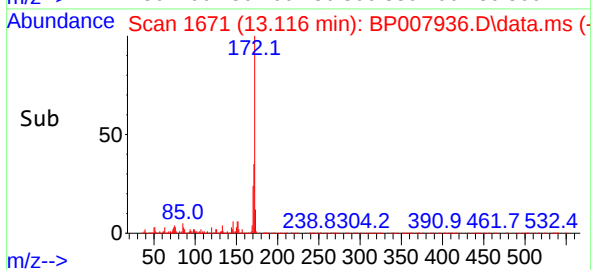
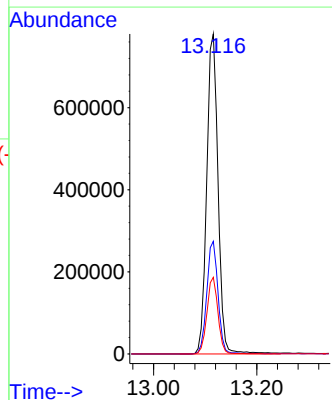
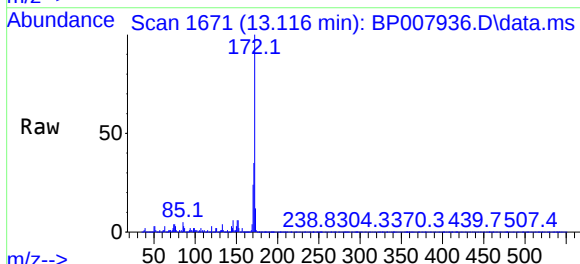
Tgt Ion:172 Resp: 1186094

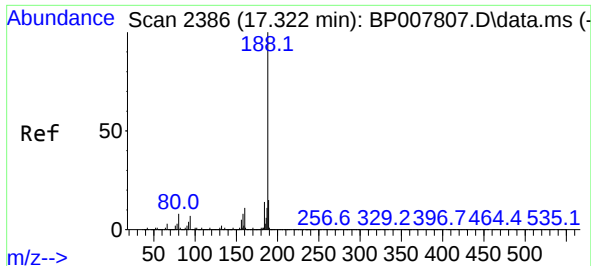
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 24.0 19.0 28.4

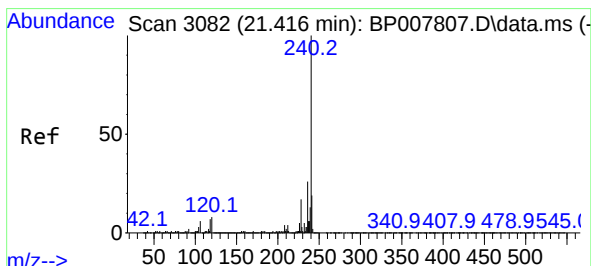
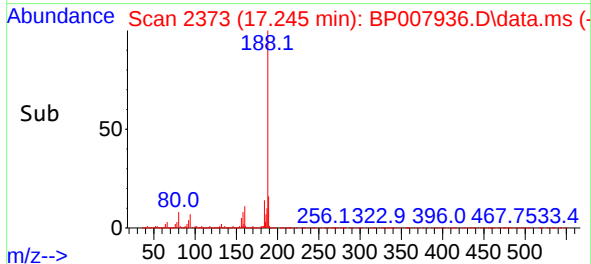
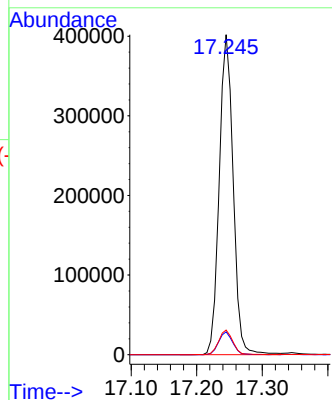
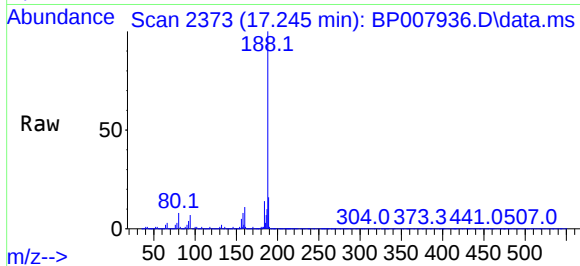




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

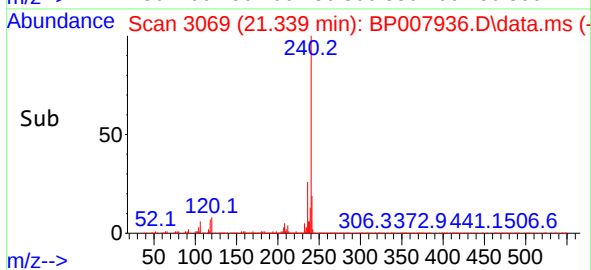
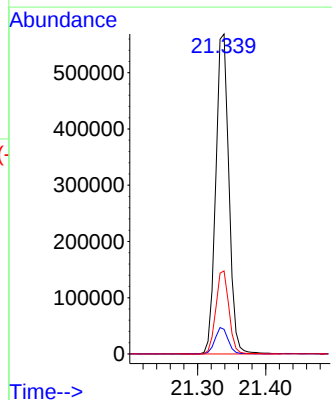
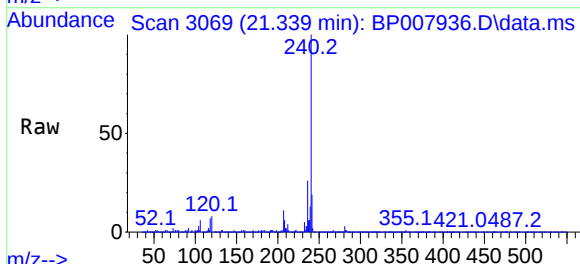
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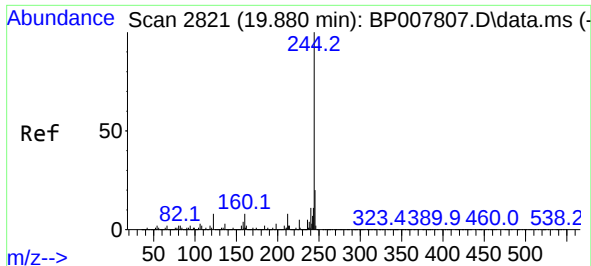
Tgt Ion:188 Resp: 589793
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7
80 7.7 7.8 11.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3069
Delta R.T. -0.012 min
Lab File: BP007936.D
Acq: 11 Nov 2021 00:29

Tgt Ion:240 Resp: 763264
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.8#
236 26.0 20.6 30.8

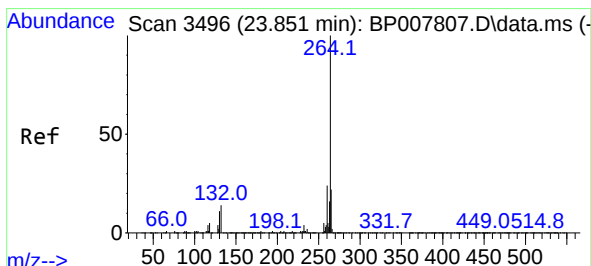
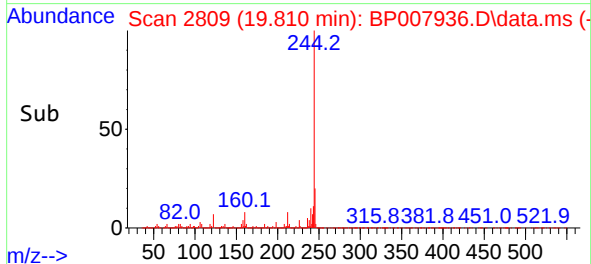
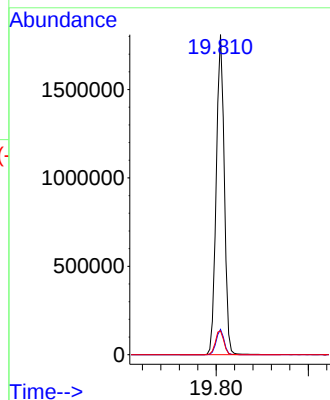
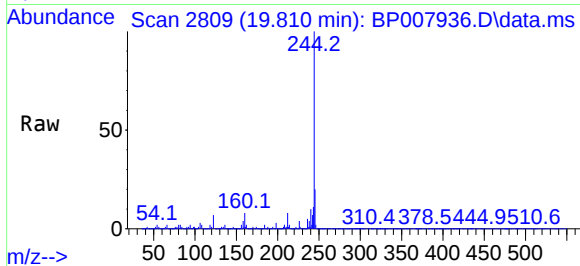




#79
 Terphenyl-d14
 Concen: 58.215 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP007936.D
 Acq: 11 Nov 2021 00:29

Instrument :
 BNA_P
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 2182081
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3478
 Delta R.T. -0.024 min
 Lab File: BP007936.D
 Acq: 11 Nov 2021 00:29

Tgt Ion:264 Resp: 862749
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.5 16.7 25.1

